£23A

382

38R23A10A13R28R23A10A13R23A10A13R23A10A13R23A10A13R23A10A13R23A10A13R23A10A138R23A10A13A10A18A10A10A18A1A10A13R23A10A1A18A18A1

041

3210

10A 3BR



AloA

STUDENT REPORT

Name

DRAKSHAYANI

BRZ

Roll Number

3BR23AI041

EXPERIMENT

Title

MATHS TEST

Alice has a mathematics test for which she is underprepared. She has to do at least one question correctly to pass the test. He decides to do a question which needs her to find the smallest prime number which is larger than a given integer N. Your task is to find and return an integer value representing the smallest prime number larger than N.

Input Format:

input1: An integer value N

Output Format:

Return an integer value representing the smallest prime number larger than N.

38R23A10A1 3R2A10A1 3R

Sample Input

6

5BR23A101

Sample Output

7

3BR23A10A1 3BR23A10A1 3BR23A 38R23A10A1 38R23A10A1 38R23A10A1 38R23A10A1 38R23AIDA138R2AIDA138R23AIDA138R23AIDA138R23AIDA138R23AIDA138R23AIDA138R23AIDA138R23AIDA138R23AIDA138R23AIDA138R23AIDA138R23AIDA138R23AIDA138R2AIDA18AIDA18AIDA18AIDA18AIDA18AIDA18AIDA18AIDA18AIDA18AIDA18AIDA18AIDA18AIDA18AIDA18AI

38R23AQA1 3RQA1 3R 38R23A10A1 38R23A0A1 38R23A0A1 38R23A10A1 3R23A10A1 3R23A10A https://practice.reinprep.com/student/get-report/4d4646dc-7b4a-11ef-ae9a-0e411ed3c76bare and the state of t

9/26/24, 9:49 PM

```
3BR23AI041-Maths Test
    def next_prime(N):
      num = N + 1
      while True:
        is_prime = True
        for i in range(2, int(num**0.5) + 1):
          if num % i == 0:
            is_prime = False
            break
        if is_prime:
          return num
        num += 1
    N = int(input())
    result = next_prime(N)
    print(result)
RESULT
  5 / 5 Test Cases Passed | 100 %
```

https://practice.reinprep.com/student/get-report/4d4646dc-7b4a-11ef-ae9a-0e411ed3c76b